

Appendix 6-7

.....Kildare Wetland Survey

Site Name: TIMAHOE NORTH

Site Code: KE211 **Area (ha):** 807.29 **Grid Ref:** 276100 234938 **County:** KE



Photograph 1. Timahoe North, County Kildare showing an area of cutaway bog where natural regeneration has occurred. Small wetland areas surrounded by poor fen, heathy and regenerating bog vegetation, birch scrub and woodland are common. Photograph: P. Foss.

Site designation(s):

Undesignated site

Surveyed by:

Peter Foss & Faith Wilson

Date of wetland survey:

20/05/2014

Survey Code:

KWS2014

Site source information:

Detailed Wetland Survey undertaken
 Site previously mapped in GIS dataset
 Site previously reported from literature

Wetland Present on the Site

YES

Conservation ranking after survey:

B Rating: Nationally Important

Townland:

BALLYNAMULLAGH
 COOLREE(CARBURY BY)
 DREHID
 KILLYON
 KILMURRY(CARBURY BY)
 MUCKLON
 MULGEETH

Solid Geology:

Marine shelf facies
 Visean basinal limestone
 Waulsortian mudbank

Subsoil type:

Cut

Substrate type:

Peat

Substrate stability:

Firm

River catchment:

Boyne

CORINE Habitats:

Pastures

Site Location

Timahoe North Bord na Móna Production Bog is located approximately 1 km east of Allenwood in Co. Kildare. This bog has been out of production for some time (about 40 years).

Site Description and Wetland Habitats Recorded

The majority of the site has either re-vegetated with pioneer heather-dominated dry heath or with birch scrub/bog woodland in various stages of development. Some hollows areas contain open water with associated wetland vegetation around them and there is some more extensive open water with wetlands developing along the southern railway embankment.

Target Notes - (see Habitat Map for location of Target Notes)

No.	Category	Comment
NA	Management	Considering extent of this area and the mature semi-natural vegetation that has developed on this abandoned cutaway bog site in last 30 years it would make an ideal biodiversity area in north Kildare.
NA	Boundary	The location of Mulgeeth Bog (Site KE112) at the northern end of the site, and area of intact raised bog with active raised bog adds to the value biodiversity of the cutaway site.
NA	Management	Appropriate management and biodiversity plan for area should be developed.

Management Recommendations following survey

Development of habitat re-instatement program into the post-peat production era should be developed focusing on the biodiversity value of the area and adjacent intact high bog areas.

Future Survey Recommendations

Rich damsel and dragonfly diversity on the site warrants a survey. A full biodiversity survey is recommended for this cutaway area that has been abandoned for 30 years.

Landowner Information Comments

The site is owned and managed by Bord na Móna. Access to survey the site granted by land owner.

Description of potential EU Habitats Directive Annex 1 habitats

It is not thought any of the habitats present correspond to any of the habitats listed under Annex I of the EU Habitats Directive.

Main Fossitt habitats on site

BL3 Buildings and artificial surfaces
 FL8 Other artificial lakes and ponds
 FW4 Drainage ditches
 PB1 Raised bogs
 PB4 Cutover bog
 PF2 Poor fen and flush
 WN7 Bog woodland
 WS1 Scrub

EU Habitats Directive habitats on site

None noted

Fossitt habitats surrounding site

BL3 Buildings and artificial surfaces
 GA1 Improved agricultural grassland
 PB1 Raised bogs
 PB4 Cutover bog
 WD4 Conifer plantation
 WL1 Hedgerows
 WN7 Bog woodland
 WS1 Scrub

Landuse / Management Activity**Frequency of use**

None

4 Dominant (>50%)

Impacting Activity (EU code and title)**Intensity****Impact**

X No threats or pressures

Threats

B01.02 artificial planting on open ground (non-native trees)

Flora on site - Latin & English species name

<i>Betula pubescens</i>	Downy Birch
<i>Calluna vulgaris</i>	Ling Heather
<i>Dryopteris carthusiana</i>	Narrow Buckler-fern
<i>Eriophorum angustifolium</i>	Common Cottongrass
<i>Eriophorum vaginatum</i>	Hare's-tail Cottongrass
<i>Juncus effusus</i>	Soft-rush
<i>Molinia caerulea</i>	Purple Moor-grass
<i>Pinus contorta</i>	Lodgepole Pine
<i>Pinus sylvestris</i>	Scots Pine
<i>Polytrichum commune</i>	Common Haircap Moss
<i>Potamogeton polygonifolius</i>	Bog Pondweed
<i>Salix aurita</i>	Eared Willow
<i>Salix cinerea subsp. oleifolia</i>	Rusty Willow
<i>Scorpidium revolvens</i>	Rustv hook moss
<i>Sphagnum capillifolium</i>	Acute-leaved Bog Moss
<i>Sphagnum cuspidatum</i>	Feathery Bog Moss
<i>Typha latifolia</i>	Bulrush

Fauna on site - English and Latin species name

Damselflies	
Dragonflies	
Fox	<i>Vulpes vulpes</i>

Aerial Photograph showing location of the site



Figure 1. Aerial photograph showing the appearance and location of site shown by the site code and red outline (where appropriate). Aerial photograph copyright Ordnance Survey of Ireland.

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GIS Habitat map of the site

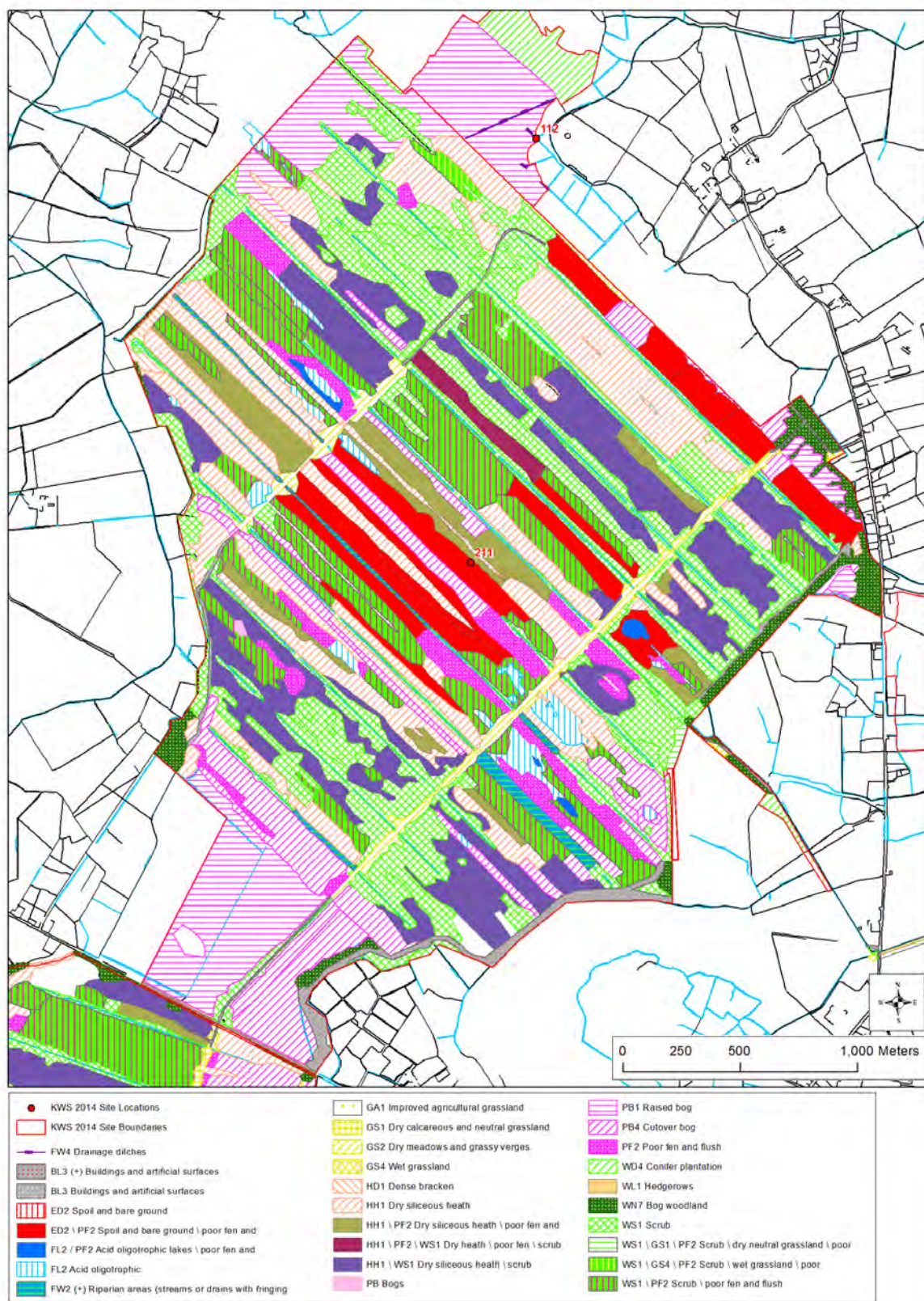


Figure 2. Habitat map of Timahoe North (site number KE211). Base map copyright Ordnance Survey of Ireland.

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